1 2	SECTION 605 - UNDERDRAINS				
3 4	605.01	Description. This section describes furnishing and installin	g underdrains.		
5 6	605.02	Materials.			
7 8	Untreate	d Permeable Base Course	703.04		
9 10	Grouted	Rubble Paving	612.02		
11 12	Perforate	ed Plastic Pipe	706.12		
13 14	Reinforci	ing Steel	709.01		
15 16	Zinc Coa	ating	712.10		
17 18	Geotextil	les for Underdrain Applications	716.03		
19 20 21 22	Class A concrete, used for installing underdrains, shall conform to Section 601 – Structural Concrete.				
23 24 25	ASTM A	Steel plates and bars for cleanout steel frame and cover shall conform STM A 36. Stainless steel screws for cleanout steel frame and cover sonform to ASTM A 193.			
26 27 28		on-perforated pipe shall conform to perforated pipe require ration provisions.	ments, except		
29 30 31	605.03 contract	Construction. Excavate trenches to dimensions and grad documents.	de indicated in		
32 33 34 35		rotect geotextiles from direct sunlight, mud, dust, debris, and degrees F, during transport and storage.	l temperatures		
36 37 38		ace geotextile in trench, overlapping successive sheen. Maintain full geotextile contact with trench surfaces.	ets 18 inches		
39 40 41 42	inches in Place pe	ace untreated permeable base, in horizontal layers not thickness before compaction, to depth indicated in contractorated pipe with perforations down. Join pipe sections ate couplings or bands.	ct documents.		
43 44 45 46	compacto	ompact each lift with at least two passes of vibrating pad or. Fold geotextile over top of base course, with minimum 12 geotextile within five days of installation.			

4/					
48	Remove and replace geotextile that becomes to	orn or damaged	, maintaining		
49	18-inch overlap requirement in all directions.				
50 51	Install non-perforated pipe of type and size indic	atad in contrac	t dogumente		
51 52	Geotextile and base course will not be required for no				
53	Geolekine und base sourse will het be required for he	n penorated se	,000113.		
54	Construct cleanouts and underdrain outlets	as indicated	in contract		
55	documents.				
56					
57	Construct Grouted Rubble Paving in accordance	ce with Subsec	tion 612.03 -		
58 59	Construction.				
59 60	605.04 Measurement. Underdrains, underdrain o	utlets and clea	nouts will be		
61	paid on a lump sum basis. Measurement for paymen		nodio viii bo		
62	F-11-2-11-11-11-11-11-11-11-11-11-11-11-1				
63	605.05 Payment. Engineer will pay for accepted un	·			
64	and cleanouts on a contract lump sum basis. Payment will be full compensation fo				
65	work prescribed in this section and contract documen	ts.			
66 67	Engineer will pay for each of following pay item	s when include	d in proposal		
68	schedule:	3 WHEN INCIDAE	u iii proposai		
69					
70	Pay Item		Pay Unit		
71					
72	Inch Underdrain		Lump Sum		
73 74	Type Underdrain Outlet		Lump Sum		
75	- Sind State of the Control of the C		Lamp Cam		
76	Cleanout		Lump Sum		
77			-		
78					
79	END OF SECTION 605				